

3/20/2007

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 034045.002 (SD 8401.1)	SERIAL NO. 10/646,808
		Han et al.	
		FILING DATE 25 August 2003	GROUP ART UNIT 1753

U.S. PATENT DOCUMENTS

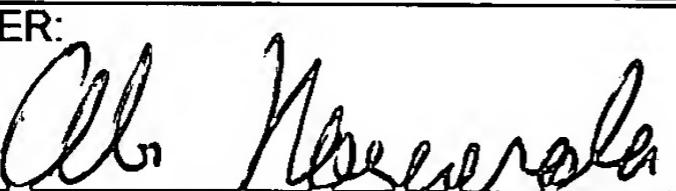
*Examiner's Initials	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
Am	4,840,756	June 20, 1989	Ebersole	264	485	
Am	5,061,336	Oct. 29, 1991	Soane	156	245	
Am	5,071,531	Dec. 10, 1991	Soane	204	616	
Am	6,045,676	April 4, 2000	Mathies	204	603	
Am	6,132,580	Oct. 17, 2000	Mathies	204	453	
Am	6,261,431	July 17, 2001	Mathies	204	601	

FOREIGN PATENT DOCUMENTS

*Examiner's Initials	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
Am	EP226470	June 24, 1987	EPO	—	—	X

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner's Initials	Author, et al. (DATE) "Title", Book/Journal, X(X):pp-pp.
Am	Bousse et al. (2001) "Protein Sizing on a Microchip" Anal. Chem. 73:1207-1212
Am	Brahmasandra et al. (2001) "Electrophoresis in microfabricated devices using photopolymerized polyacrylamide gels and electrode-defined sample injection" Electrophoresis 22:300-311
Am	Chen et al. (2001) "A Prototype Two-Dimensional Capillary Electrophoresis System Fabricated in Poly(dimethylsiloxane)" Anal. Chem. 74:1772-1778
Am	Duffy et al. (1998) "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)" Anal. Chem. 70:4974-4984
Am	Fouassier et al. (1991) "Polymerisation induit sous irradiation laser visible" Makromol. Chem. 192:245-260
Am	Fu et al. (2002) "An Integrated Microfabricated Cell Sorter" Anal. Chem. 74:2451-2457
Am	Gerstner et al. (2000) "Ultrathin-layer sodium dodecyl sulfate gel electrophoresis of proteins: Effects of gel composition and temperature on the separation of sodium dodecyl sulfate-protein complexes" 21(5):834 - 840
Am	Gottschlich et al. (2001) "Two-Dimensional Electrochromatography/Capillary Electrophoresis on a Microchip" Anal. Chem. 73:2669-2674
Am	Grossman et al. (1991) "Experimental and Theoretical Studies of DNA Separations by Capillary Electrophoresis in Entangled Polymer Solutions" Hiopolymers. 3 1: 1221-1228

EXAMINER: 	DATE CONSIDERED: 6/08/07
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

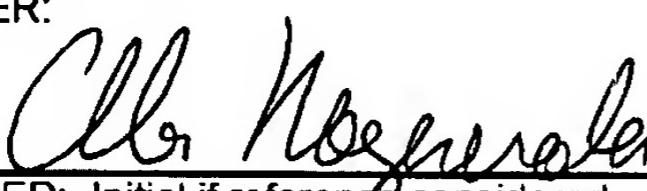
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 034045.002 (SD 8401.1)	SERIAL NO. 10/646,808
		Han et al.	
		FILING DATE 25 August 2003	GROUP ART UNIT 1753

<i>Am</i>	Hjerten (1985) "HIGH-PERFORMANCE ELECTROPHORESIS ELIMINATION OF ELECTROENDOSMOSIS AND SOLUTE ADSORPTION" Journal of Chromatography, 347 (1985) 191-198
	Huang et al. (2002) "A-DNA prism: high speed continuous fractionation of large DNA molecules" Nature Biotechnology 20:1048 -1051
<i>An</i>	Jin et al. (2001) "Dynamic Labeling during Capillary or Microchip Electrophoresis for Laser-Induced Fluorescence Detection of Protein-SDS Complexes without Preor Postcolumn Labeling" Anal. Chem. 73:4994-4999
<i>An</i>	Liu et al. (2000) "Electrophoretic Separation of Proteins on a Microchip with Noncovalent, Postcolumn Labeling" Anal. Chem. 72:4608-4613
<i>An</i>	Macounova' et al. (2000) "Generation of Natural pH Gradients in Microfluidic Channels for Use in Isoelectric Focusing" Anal. Chem. 72:3745-3751
<i>An</i>	Mao et al. (1999) "Capillary isoelectric focusing with whole column image detection for analysis of proteins and peptides" J Biochem. Biophys. 39:93-110
<i>An</i>	Margolis et al. (1968) "Polyacrylamide Gel Electrophoresis in a Continuous Molecular Sieve Gradient" Anal. Biochem. 25:347-302
<i>An</i>	Neckers et al. (1989) "Photopolymerization using derivatives of fluorescein" Polymer Materials Sci. Eng. 60:15-16
<i>An</i>	Ogston (1958) "THE SPACES IN A UNIFORM RANDOM SUSPENSION OF FIBRES" Trans. Faraday Society 54:1754-1757
<i>An</i>	Radko et al. (2002) "Electroelution without gel sectioning of proteins from sodium dodecyl sulfate-polyacrylamide gel electrophoresis: Fluorescent detection, recovery, isoelectric focusing and matrix assisted laser desorption/ionization-time of flight of the Electroeluate" Electrophoresis 23:985-992
<i>An</i>	Raisi et al. (2001) "Microchip isoelectric focusing using a miniature scanning detection system" Electrophoresis 22:2291-2295
<i>An</i>	Reyes et al. (2002) "Micro Total Analysis Systems. 1. Introduction, Theory, and Technology" Anal. Chem. 74:2623-2636
<i>An</i>	Rocklin et al. (2000) "A Microfabricated Fluidic Device for Performing Two-Dimensional Liquid-Phase Separations" Anal. Chem. 72:5244-5249
<i>An</i>	Sanders et al. (2001) "Acousto-optical deflection-based whole channel scanning for microchip isoelectric focusing with laser-induced fluorescence detection" Lab on a Chip 1:167-172
<i>An</i>	Slater (1969) "Stable Pattern Formation and Determination of Molecular Size by Pore-Limit Electrophoresis" Anal Chem 41:1039-1041
<i>An</i>	Slater et al. (1985) "New Biased-Reptation Model for Charged Polymers" Physical Review Letts 55:1579-1582
<i>An</i>	Swinney et al. (2000) "Detection in Capillary Electrophoresis" Electrophoresis 21:1239-1250

EXAMINER: <i>Ab Koenigskamp</i>	DATE CONSIDERED: <i>6/08/07</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 034045.002 (SD 8401.1)	SERIAL NO. 10/646,808
		Han et al.	
		FILING DATE 25 August 2003	GROUP ART UNIT 1753

<i>A1</i>	Unger et al. (2000) "Monolithic microfabricated valves and pumps by multilayer soft lithography" Science 288:113-116
<i>A1</i>	Westerhuis et al. (2000) "Reevaluation of the electrophoretic migration behavior of soluble globular proteins in the native and detergent-denatured states in polyacrylamide gels" Anal. Biochem. 284:143-152
<i>A1</i>	Woolley and Mathies (1995) "Ultra-High-Speed DNA Sequencing Using Capillary Electrophoresis Chips" Analytical Chemistry 67:3676-3680

EXAMINER: 	DATE CONSIDERED: 6/08/07
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

3/20/07

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 034045.002 (SD 8401.1)	SERIAL NO. 10/646,808
		Han et al.	
		FILING DATE 25 August 2003	GROUP ART UNIT 1753

U.S. PATENT DOCUMENTS

*Examiner's Initials	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
	4,840,756	June 20, 1989	Ebersole			
	5,061,336	Oct. 29, 1991	Soane			
	5,071,531	Dec. 10, 1991	Soane			
	6,045,676	April 4, 2000	Mathies			
	6,132,580	Oct. 17, 2000	Mathies			
	6,261,431	July 17, 2001	Mathies			
AJ	6,391,937	May 21, 2002	Beuhler	522	121	
AJ	6,752,922	June 22, 2004	Huang	210	198.2	

+ Already listed and initialed on the other
 Information Disclosure Statement filed on March 20, 2007

EXAMINER:	DATE CONSIDERED:
<i>Ab. Karpasla</i>	6/08/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.